

Wireless Shutter Receiver Module

EJLR-1000



Specification

Function:	Open / Close / Stop
Frequency:	433.92MHz
Input Rating:	230V~ /50Hz.
Output Rating:	Max. 500W Resistive Load


Overview

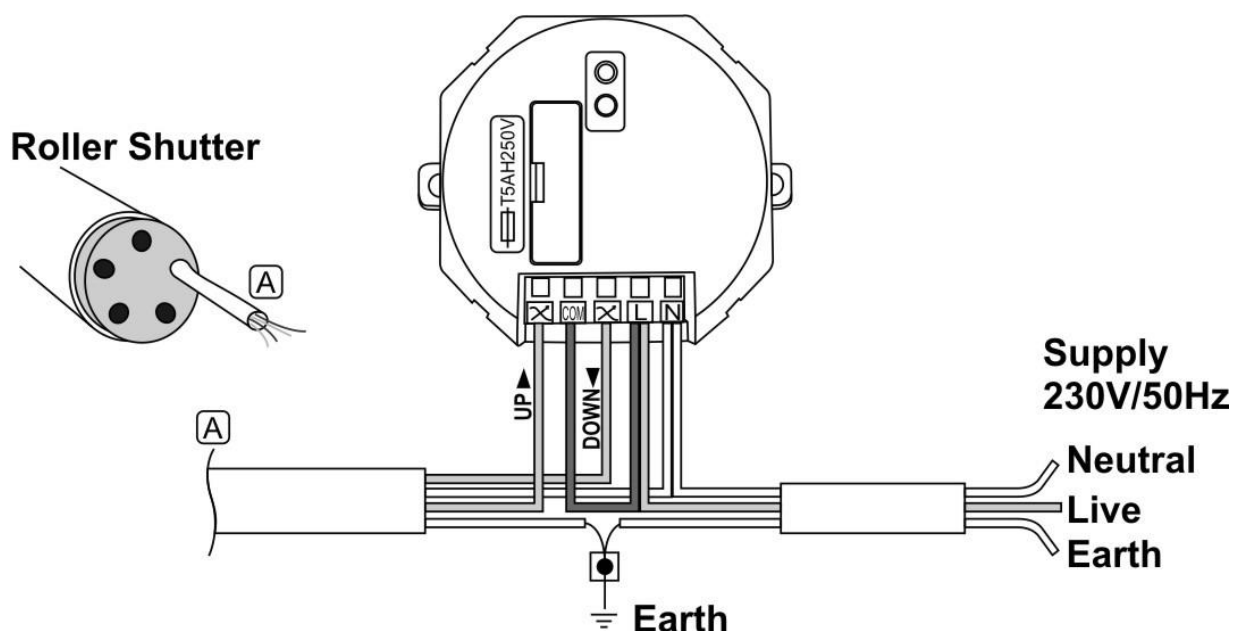
Wireless shutter receiver module suited to control electric 230V, 12-24V and pulse switch motors. Can be used in conjunction with existing electric shutter, curtain, sun blind, garage doors etc.. Also used as a replacement of existing wall switch that controls the current electric shutter.

Preparation for installation and use



WIRING

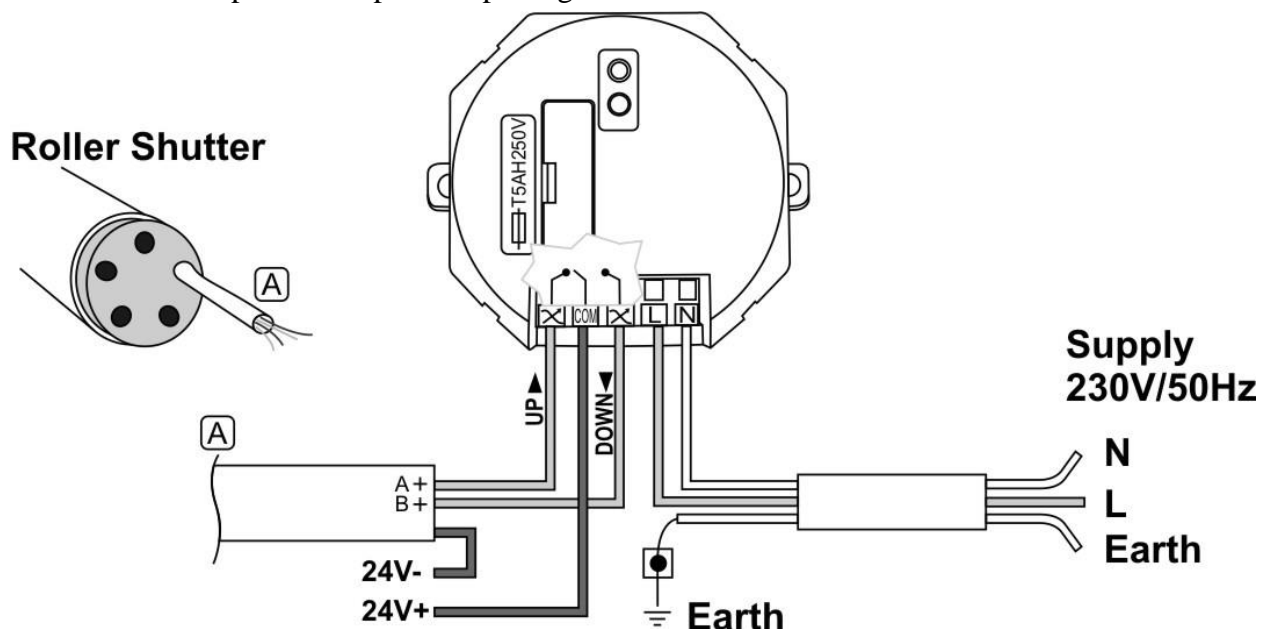
With 230V Motor

1. Turn Off mains power before installing and wiring.
2. Connect shutter to module.
Shutter 2 Live wires into terminal .
One to control 'UP' and one to control "Down"
Shutter Neutral wire into terminal N
3. Connect AC 230V Live wire into terminal L.
4. Connect AC 230V Neutral wire into terminal N.
5. With an additional wire of at least 0.75mm², connect COM and L together.
6. Connect shutter earth wire to AC earth wire.
7. Tighten the terminal screws.
8. To install module into wall box, break off the mounting tabs.
9. Turn On mains power and proceed pairing module with wireless wall switch or remote control.





With 24V Motor

1. Turn Off mains power before installing and wiring.
2. Connect shutter to module.
Shutter 'A+' wire into terminal  UP.
Shutter 'B+' wire into terminal  DOWN.
Connect DC (24V-) to shutter
One to control 'UP' and one to control "Down"
Shutter Neutral wire into terminal N
3. Connect AC 230V Live wire into terminal L.
4. Connect AC 230V Neutral wire into terminal N.
5. With an additional connect DC (24V-) into COM terminal and wire should be at least 0.75mm².
6. Tighten the terminal screws.
7. To install module into wall box, break off the mounting tabs.
8. Turn On mains power and proceed pairing module with wireless wall switch or remote control.



Explanation of 'COM'

The module contains 2 voltage free contacts 

In the neutral position, the contact COM is not switched. After an On/Off command is given, COM switches either to the left or the right  contact.

After 2 minutes, the COM contact switches back to its neutral position.

Pairing Receiver

※ Important ※

Load (s) must be under ‘OFF’ state when performing ‘pairing’ and ‘un-pairing’ mode.

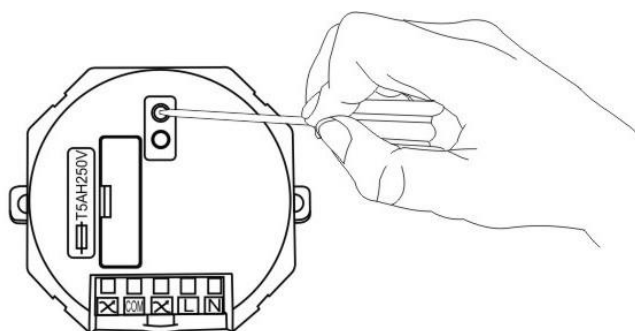
Module can pair with up to 6 different remote controls at any one time as it has 6 memories.

Module is not compatible to “Code Switch” remote controls.

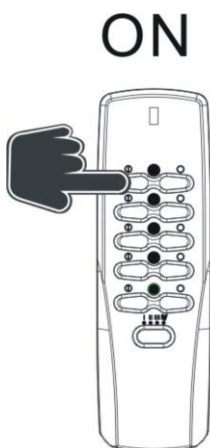
Only compatible to “Self Learning” remote controls.

Pairing using **LEARNING MODE**:

1. On the module press the ‘**Learn**’ button once (LED on module will flash), this will enter learning mode.



2. With a wall switch press the ‘**ON**’ button intended to be paired; LED on module will flash twice to confirm that the remote control is now paired.



NOTE: Learning mode lasts for 12 seconds; if no signal is received from a remote control during this time then the module will automatically exit learning mode without pairing the device.

To exit learning mode manually, simply press the ‘**Learn**’ button again.

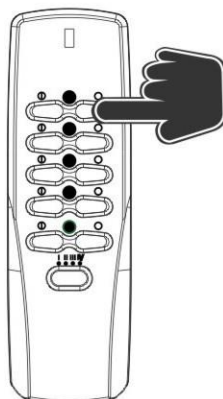
! If during learning mode the module does not react and LED on module continues to flash, this means that the module’s memory is **FULL** and no further remote control may be paired unless one of the existing remote control is first unpaired (see below).

Un-pairing Receiver

Removing single device:

1. On the module press the **'Learn'** button once (LED on module will flash), this will enter learning mode.
2. With a remote control press the **'OFF'** button intended to be un-paired; LED on module will flash twice to confirm that the remote control is un-paired.

OFF

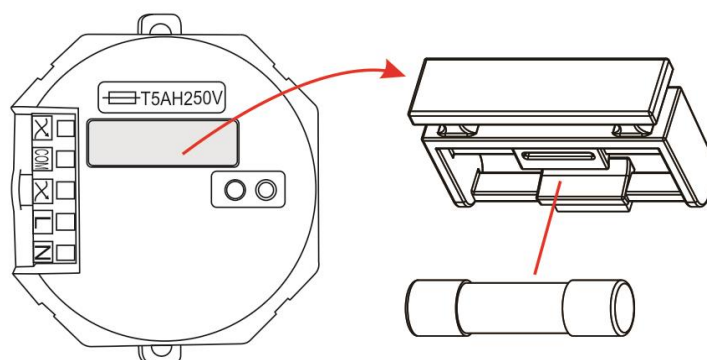


Clearing Memory (will remove all paired remote controls):

On the module press the **'Learn'** button for 6 seconds (LED on module will flash), release then press once again. LED on module will flash twice to confirm that all remote control is unpaired.

Fuse Change

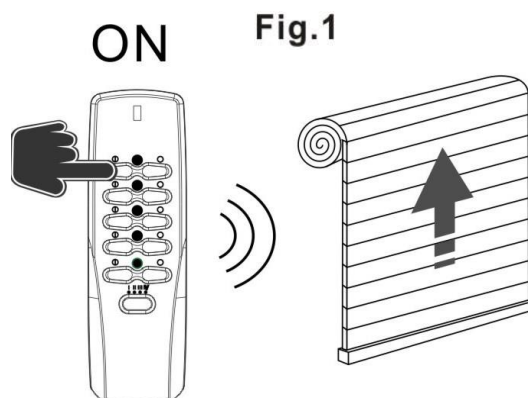
In any case of overloading, the fuse will activate. To change fuse simply remove the fuse compartment and replace a new T5AH250V fuse.



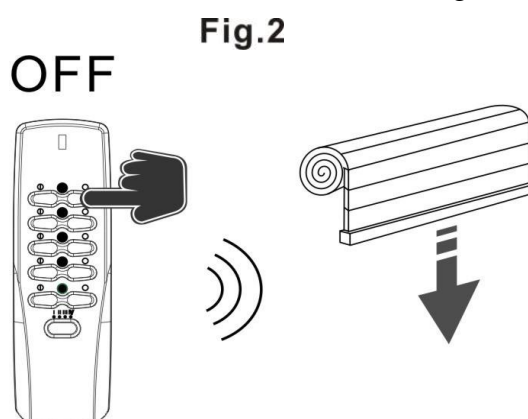
Operation

Sun blind as an example:

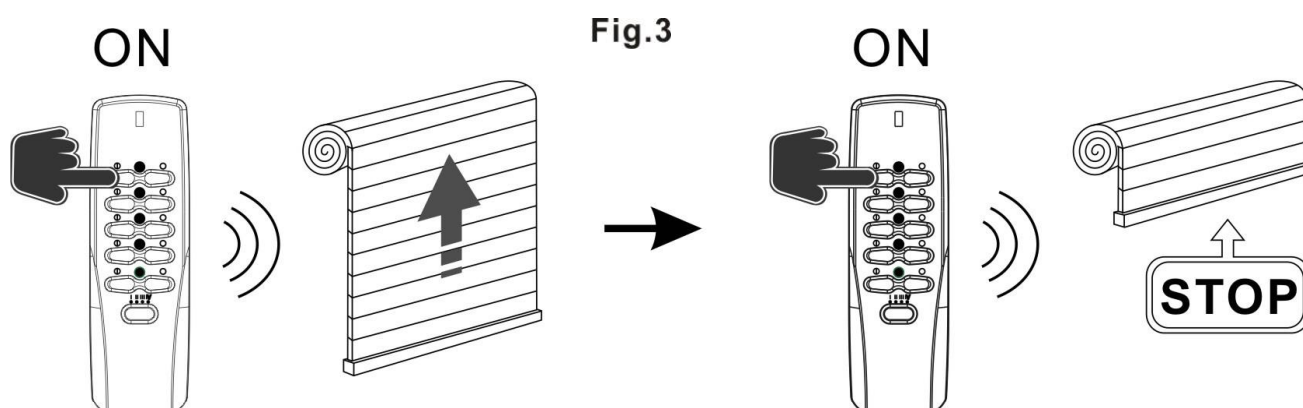
1. Press the 'ON' button on remote control to open sun blind (fig. 1).



2. Press the 'OFF' button on remote control to close sun blind (fig. 2).

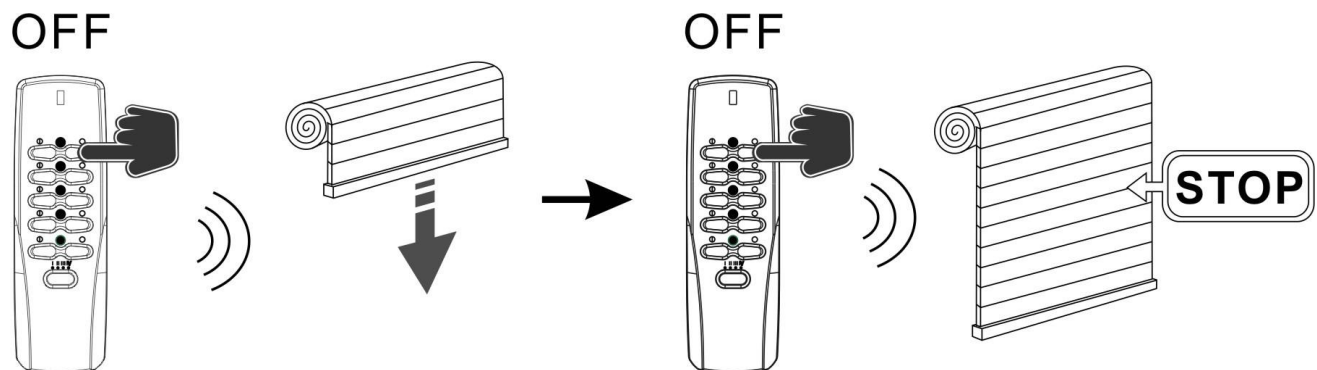


3. While sun blind is opening, press the 'ON' button to stop (fig. 3).



4. While sun blind is closing, press the 'OFF' button to stop (fig. 4).

Fig.4



Cautions

- ✧ Please leave minimum of 3 meters in-between 2 or more receivers.
- ✧ Do not install module close to motor, leave at least 0.5 meter to prevent interference. If interference occurs, please adjust installation distance.
- ✧ Do not install in the damp places.
- ✧ Do not shield module in metal case, otherwise the metal case will interrupt RF transmission.